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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

Ford Building
GREAT FALLS, MONTANA

VOLUME I, No. 1 — AUGUST, 1953

Production of crude oil and condensate from the 47 oil and gas areas of Montana for the month of June, 1953, averaged 32,503 barrels daily, a decrease of 642 barrels from the average May production of 33,145 barrels daily.

The 9 refineries in the State processed 61,108 barrels of crude oil daily, an increase of 3,600 barrels daily from the 57,508 barrels processed daily during the month of May, 1953.

During June, 41 wells were completed, 20 oil, 3 gas wells and 18 dry holes.

During June, the Commission issued 42 permits to drill new wells, a decrease of 9 from the 51 permits issued during May.

All information is compiled from reports submitted to the Montana Oil and Gas Conservation Commission by companies operating in the State.

A. B. GILLESPIE
August 13, 1953

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1953

	Total
IN STORAGE JUNE 1st:	
By Producers	246,002
By Transporters	420,263
By Refiners	307,663
TOTAL STORAGE	973,928
PRODUCED DURING MONTH	975,084
TOTAL	1,949,012
DISPOSITION:	
Refined in Montana	689,001
Shipped to Other States	394,253
Used for Fuel or Lost	(8,155)
TOTAL	1,075,099
IN STORAGE JUNE 30th:	
By Producers	225,162
By Transporters	403,797
By Refiners	244,954
TOTAL STORAGE	873,913

WYOMING OIL IMPORTED

IN STORAGE JUNE 1, 1953	358,410
JUNE RECEIPTS, MONTANA REFINERIES	1,132,839
REFINED	1,144,242
IN STORAGE JUNE 30, 1953	347,007

()Pipeline gain.

OPERATIONS
CONSOLIDATED REVIEW
JUNE, 1953

Field	Production in Barrels June, 1953
Settled Fields	
Bears Den	254
Berthelote	None
Big Wall	15,069
Border	1,794
Bowes	104,971
Brady	73
Cat Creek	16,588
Clarks Fork	None
Cut Bank	212,726
Dry Creek	4,100
Elk Basin	157,381
Flat Coulee	41
Frannie	1,799
Gage	831
Kevin-Sunburst	112,025
Lake Basin	150
Melstone	10,241
Mosser	2,132
Pondera	59,628
Ragged Point	2,117
Reagan	21,417
Soap Creek	6,026
TOTAL	729,363
Controlled Fields	
Cabin Creek	5,175
Glendive Area	66,256
Hardin Area	3,706
Little Beaver	7,963
Pine Unit Area	20,883
Poplar Area	65,369
Richey	21,083
Southwest Richey	7,418
Sumatra	31,714
Whitlash	16,154
TOTAL	245,721
TOTAL STATE	975,084

PRODUCERS REPORT
Month of June, 1953

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used for Fuel or Lost	Storage End of Month
7	Big Wall	18	6,917	15,069		17,590		4,396
4	Border	3	None	1,794		1,794		None
9	Bowes	46	6,305	104,971	28,615	74,651		8,010
1	Brady	1	None	73		73		None
1	Cabin Creek	1	1,434	5,175		5,188		1,421
29	Cat Creek	98	5,303	16,588	13,346	4,525		4,020
---	Clark's Fork	---	96	Shut-in				96
318	Cut Bank	1,091	119,824	212,726	221,146		147	111,257
5	Dry Creek	5	2,099	4,100	4,370	885		944
19	Elk Basin	57	11,891	157,381	157,752		1,246	10,274
2	Frannie	2	576	1,799	2,152			223
3	Gage	5	2,588	831	758			2,661
11	Glendive Area	13	7,817	66,256		65,217	710	8,146
1	Hardin Area	2	532	3,706		3,108		1,130
217	Kevin-Sunburst	1,442	18,827	112,025	110,671	2,244	373	17,564
1	Lake Basin	1	2,597	150				2,747
1	Little Beaver	3	1,030	7,963		7,608		1,385
3	Melstone	6	3,465	10,241		12,620		1,086
4	Mosser	6	None	2,132		2,132		None
1	Pine Unit Area	5	4,213	20,883		20,162		4,934
72	Pondera	304	10,290	59,628	60,359	217		9,342
11	Poplar Area	16	12,224	65,369	31,560	31,607	835	13,591
2	Ragged Point	2	2,270	2,117		2,937		1,450
2	Reagan	27	4,038	21,417	22,698			2,757
5	Richey	10	8,082	21,083		22,412	251	6,502
1	Southwest Richey	2	1,599	7,418		7,149		1,868
1	Soap Creek	2	1,362	6,026		5,697	3	1,688
8	Sumatra	14	9,523	31,714		35,166	35	6,036
10	Sweet Grass Hills	16	1,100	16,449		15,786	129	1,634
749		3,198	246,002	975,084	653,427	338,768	3,729	225,162

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year 1952	9,606,251	26,264	9,564,809	26,133
First Quarter 1953	2,667,615	29,640	2,648,403	29,427
April, 1953	911,721	30,391	891,214	29,707
May, 1953	1,027,503	33,145	1,000,142	32,263
June, 1953	975,084	32,503	992,195	33,073

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage #	Total Oil In Storage #
December, 1952	213,791	481,656	529,541	1,224,988
March, 1953	207,310	393,412	554,108	1,154,830
April, 1953	222,743	488,005	643,794	1,354,542
May, 1953	246,002	420,263	666,073	1,332,338
June, 1953	225,162	403,797	591,961	1,220,920

Includes Wyoming Oil

REFINERS REPORT BY FIELDS
Month of June, 1953

	Location of Plant in Montana	Storage First of Month	Oil Received	Losses	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Ex. Inc.	Laurel	1,342	17,590		17,436	1,496
BORDER						
The Texas Co.	Sunburst	521	1,794		521	1,794
BRADY						
Phillips Petroleum Co.	Great Falls	None	73		73	None
CAT CREEK						
Carter Oil Co.	Billings	2,440				2,440
Continental Oil Co.	Billings	None	10,791		10,791	
Farmers Union Cent. Ex. Inc.	Laurel	671	4,373		3,045	1,999
Jet Fuel Refinery	Mosby	4,399	4,525	75	2,021	6,828
		7,510	19,689	75	15,857	11,267
CUT BANK						
Phillips Petroleum Co.	Great Falls	None	18,452		18,452	None
The Texas Co.	Sunburst	114,797	108,603		181,007	42,393
Union Oil Co. & Socony Vac.	Cut Bank	15,308	83,340		78,499	20,149
Big West Oil Co.	Kevin	None	3,804		3,804	None
		130,105	214,199		281,762	62,542
DRY CREEK						
Farmers Union Cent. Ex. Inc.	Laurel	None	4,678		4,678	None
ELK BASIN						
Carter Oil Co.	Billings	None	77,849		77,849	None
Continental Oil Co.	Billings	None	21,843		21,843	None
		None	99,692		99,692	None
GAGE						
Farmers Union Cent. Ex. Inc.	Laurel	None	1,483		1,483	None
GLENDIVE						
Farmers Union Cent. Ex. Inc.	Laurel	None	2,920		2,920	None
The Texas Co.	Sunburst	12,500			6,100	6,400
		12,500	2,920		9,020	6,400
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	32,021	48,991		61,656	19,356
The Texas Co.	Sunburst	89,105	59,812		42,798	106,119
Modern Oil Co.	Shelby	None	160		160	None
		121,126	108,963		104,614	125,475
PINE UNIT AREA						
Farmers Union Cent. Ex. Inc.	Laurel	1,006	8,621		8,879	748
MELSTONE						
Farmers Union Cent. Ex. Inc.	Laurel	1,006	10,498		10,008	1,496
MOSSER						
Farmers Union Cent. Ex. Inc.	Laurel	None	2,132		2,132	None
PONDERA						
The Texas Co.	Sunburst	None	217		217	None
Phillips Petroleum Co.	Great Falls	10,740	59,390		58,180	11,950
		10,740	59,607		58,397	11,950
POPLAR						
Modern Oil Co.	Shelby	4,434	1,270	30	5,216	458
RAGGED POINT						
Farmers Union Cent. Ex. Inc.	Laurel	None	3,136		3,136	None
REAGAN						
Union Oil Co.	Cut Bank	None	22,698		22,698	None
SUMATRA						
Farmers Union Cent. Ex. Inc.	Laurel	2,683	35,167		34,858	2,992
SWEET GRASS HILLS						
Big West Oil Co.	Kevin	None	455		455	None
The Texas Co.	Sunburst	14,690	11,732		8,086	18,336
		14,690	12,187		8,541	18,336
TOTAL MONTANA OIL		307,663	626,397	105	689,001	244,954
OIL FROM WYOMING						
Carter Oil Co.	Billings	93,237	654,667		633,610	114,294
Continental Oil Co.	Billings	194,045	237,748		259,965	171,828
Farmers Union Cent. Ex. Inc.	Laurel	71,128	240,424		250,667	60,885
TOTAL WYOMING OIL		358,410	1,132,839		1,144,242	347,007
TOTAL MONT. & WYO. OIL		666,073	1,759,236	105	1,833,243	591,961

	Average Barrels Per Day			Percentage of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year 1952	19,425	32,449	51,924	37.4	62.6
June, 1952	19,040	36,494	55,534	34.3	65.7
June, 1953	22,966	38,142	61,108	37.6	62.4

TRANSPORTERS REPORT
Month of June, 1953

	Storage First of Month	Oil to Storage From Producer Pipeline	Oil to Storage From Producer Truck	Oil to Storage Connecting Carrier	Deductions & Losses	Oil Shipped to Montana	Oil Shipped to Other States	Connecting Carriers	Storage End of Month
BIG WALL—Trucks	1,764		17,590			17,590			1,764
BORDER—Trucks	None		1,794			1,794			
BOWES—Northern Pump Co.	2,969	28,615			136		29,897		1,551
Trucks	None		74,651				74,651		None
	2,969	28,615	74,651		136		104,548		1,551
BRADY—Trucks	None		73			73			None
CAT CREEK									
Continental Pipe Line Co.	8,629	13,346			85	15,090			6,800
Trucks	None		4,525			4,525			None
	8,629	13,346	4,525		85	19,615			6,800
CABIN CREEK—Trucks	None		5,188				5,188		None
CUT BANK									
Darling Gathering System	2,056	16,179				17,340			895
Phillips Petroleum Co.	73,217	51,641		9,306	(3,546)	18,452	41,855	46,020	31,383
Texas Pipeline Co.	95,467	48,335		72,398	2,031	95,063		5,969	113,137
Toronto Pipeline Co.	50,386	63,133			(6)			70,191	43,334
Union Oil Co.	128,434	42,898		40,476	326	83,104			128,378
	349,560	222,186		122,180	(1,195)	213,959	41,855	122,180	317,127
DRY CREEK—Trucks	None		885			885			None
Ohio Oil Co.	8,312	4,370			(108)	3,767			9,023
	8,312	4,370	885		(108)	4,652			9,023
ELK BASIN—Ohio Oil Co.	None	157,752				99,692	58,060		None
FRANNIE									
Continental Pipeline Co.	None	2,152					2,152		None
GAGE—Northern Pump Co.	1,537	758			5	1,483			807
GLENDIVE—Trucks	None		65,217			2,920	62,297		None
HARDIN AREA—Trucks	None		3,108				3,108		None
KEVIN-SUNBURST									
Big West Oil Co.	2,008	49,862				48,801			3,069
Homestake Oil & Gas Co.	99	3,846				3,195			750
Texas Pipeline Co.	13,570	56,575		2,625	133	56,616			16,021
Trucks	924		2,244					2,625	543
	16,601	110,283	2,244	2,625	133	108,612		2,625	20,383
MOSSER—Trucks	None		2,132			2,132			None
LITTLE BEAVER—Trucks	None		7,608				7,608		None
MELSTONE—Trucks	74		12,620			10,498			2,196
PINE UNIT AREA—Trucks	None		20,162			8,621	11,541		None
PONDERA									
Phillips Petroleum Co.	19,916	60,164			(8,882)	59,390			29,572
Trucks	None		217			217			None
	19,916	60,164	217		(8,882)	59,607			29,572
POPLAR AREA									
East Poplar Gathering System	8,255	31,965			(511)	100	30,404		10,227
Trucks	1,897		31,607			1,270	32,234		None
	10,152	31,965	31,607		(511)	1,370	62,638		10,227
SOAP CREEK—Trucks	None		5,697				5,697		None
RAGGED POINT—Trucks	None		2,937		(199)	3,136			None
REAGAN—Union Oil Co.	None	22,698				22,698			None
RICHEY—Trucks	None		22,412				22,412		None
S. W. RICHEY—Trucks	None		7,149				7,149		None
SUMATRA—Trucks	749		35,166			35,167			748
SWEET GRASS HILLS									
Trucks	None		15,786			12,187			3,599
GRAND TOTAL	420,263	654,289	338,768	124,805	(10,536)	625,806	394,253	124,805	403,797

Oil Runs to Storage	Barrels
Pipeline	654,289
Truck	338,768
Total	993,057
Average Per Day	33,102

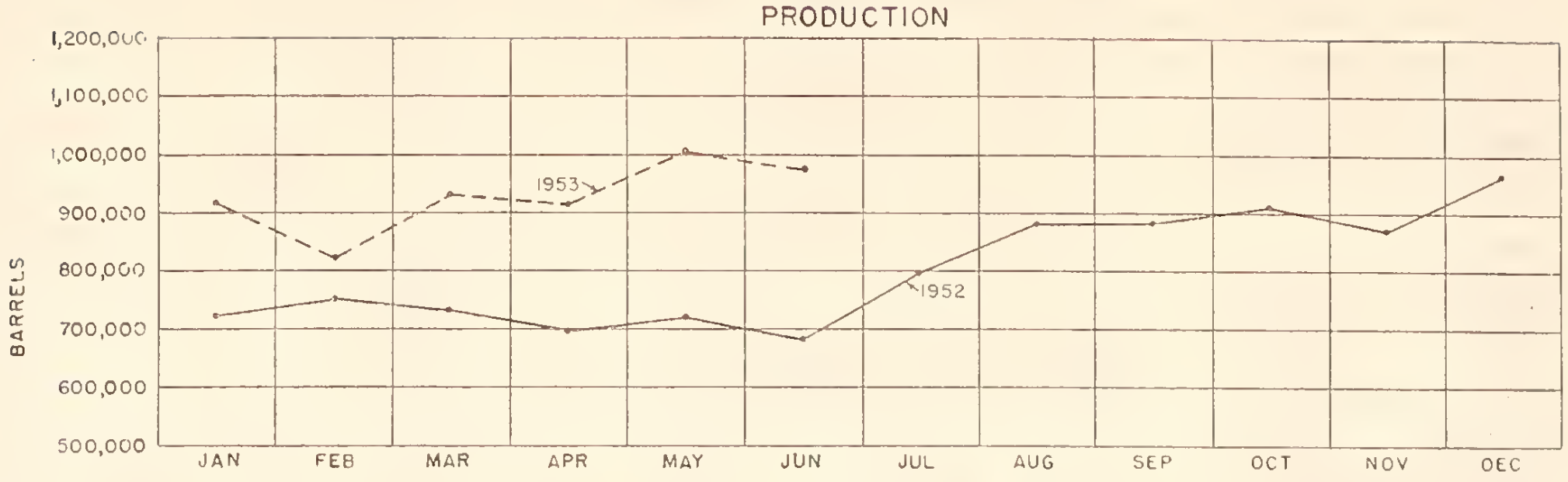
Average Per Day	Runs
Year 1952	26,133
1st Quarter 1953	29,453
April, 1953	29,773
May, 1953	32,340
June, 1953	33,102

Shipped to Other States
6,741
8,806
10,879
11,547
13,141

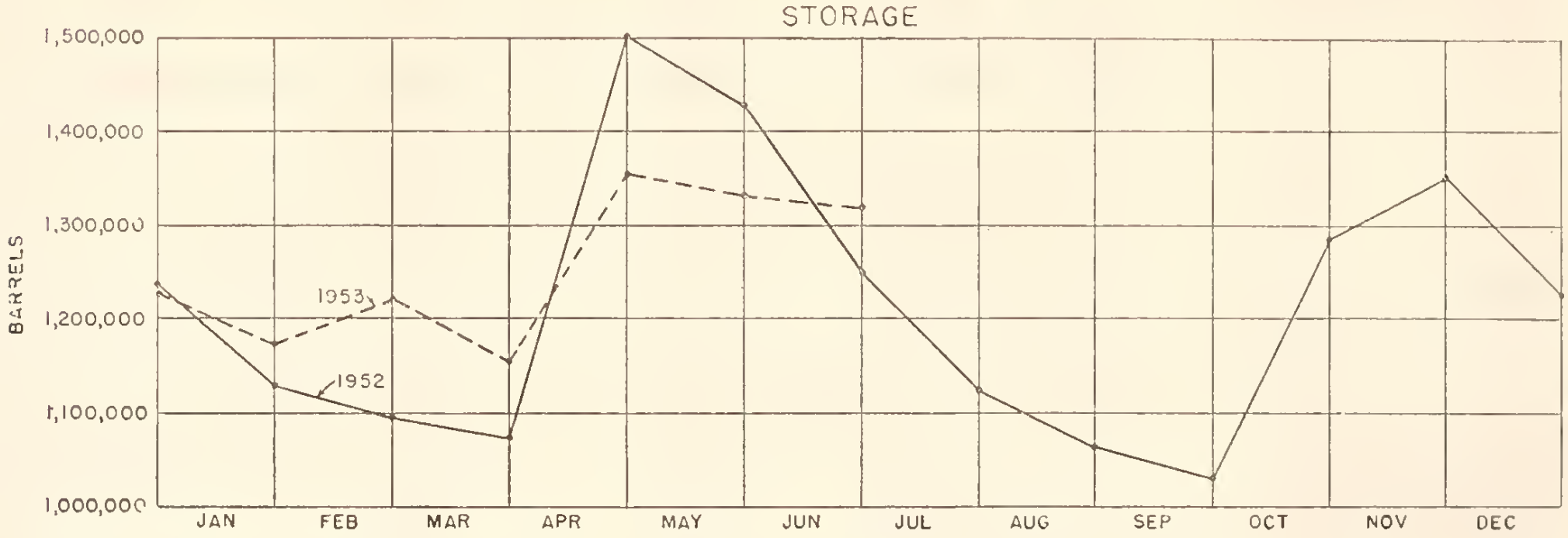
Storage	Barrels
Dec. 31, 1952	481,656
June 30, 1953	403,797
Decrease	77,859

GRAPHIC STATISTICS

PRODUCTION



STORAGE



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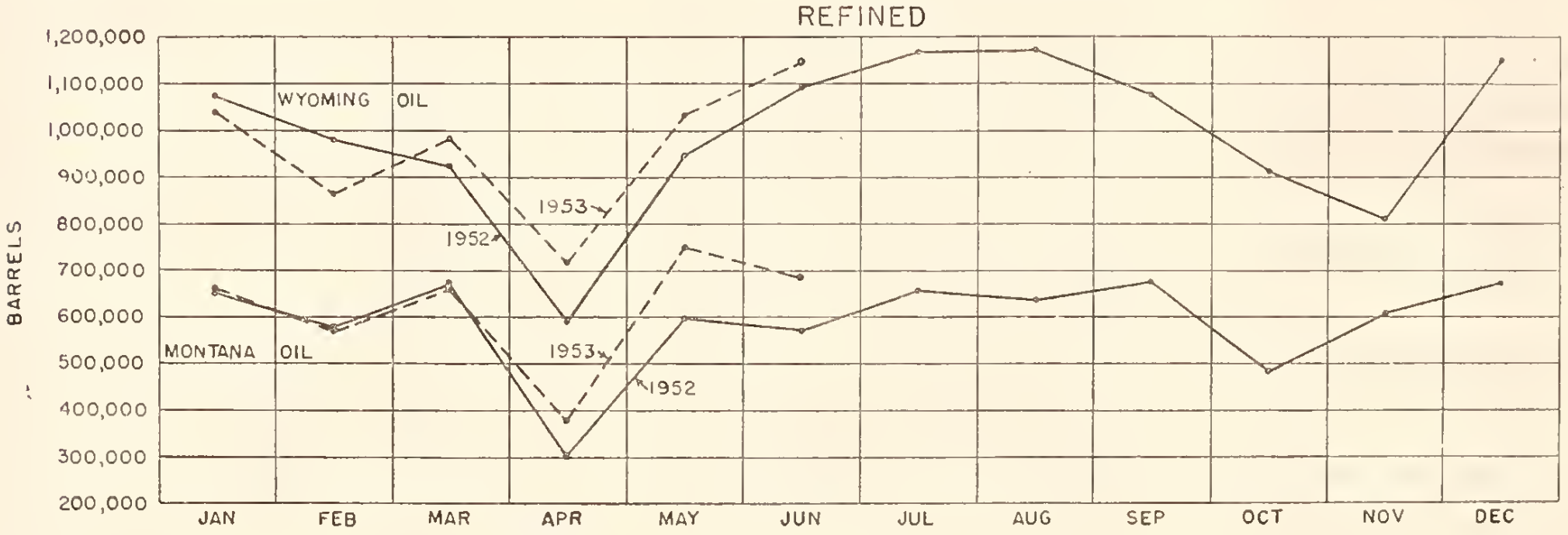

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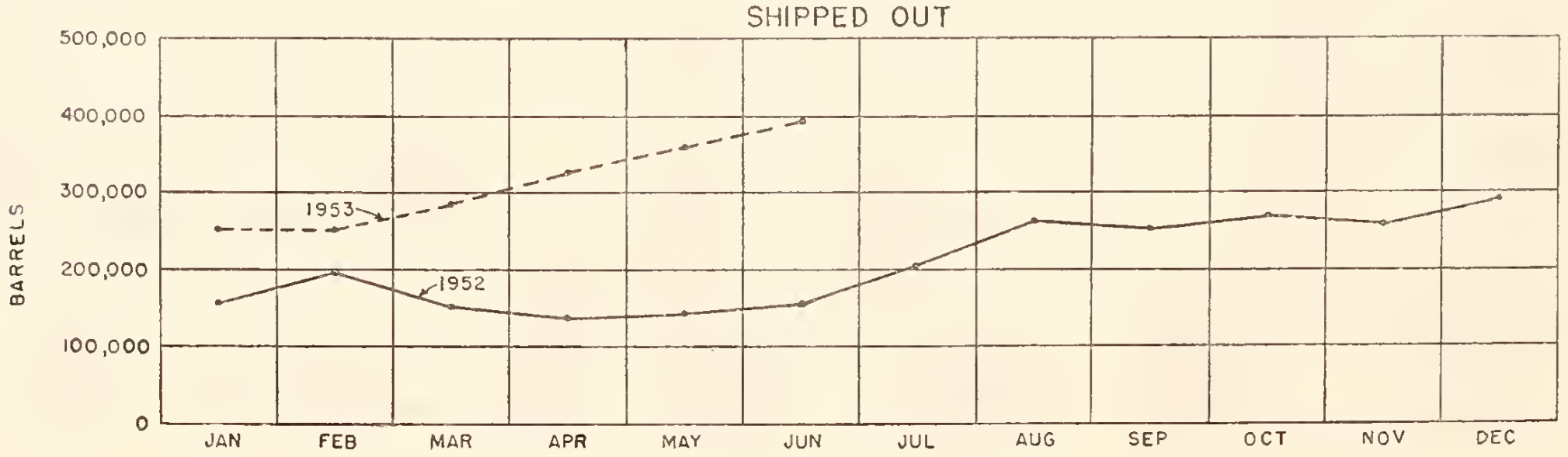

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1953

Field	M. C. F.
Bears Den	None
Bowdoin	142,976
Bowes	48,933
Box Elder	None
Cedar Creek	181,951*
Cut Bank (Includes Reagan)	868,946
Devon	16,959
Dry Creek	117,325
Hardin	4,188
Keith Block	6,696
Kevin-Sunburst	61,389
Utopia	18,734
Whitlash Area	37,266
TOTAL	1,505,363

Total withdrawals for June, 1952, was reported by Board of Railroad Commissioners as 1,062,925 M. C. F.

*Includes withdrawal of 62,884 M. C. F. of injected gas.